PUBLIC HEALTH ACT, 1875.

ANNUAL REPORT

ON

THE HEALTH

OF THE

Whitworth Urban District

DURING 1914.

By ALEXANDER WELSH, M.D., Whitworth.

MEDICAL OFFICER OF HEALTH.

Whitworth:

H. O. Howard, Printer and Stationer, Market Street.

THE HEALTH COMMITTEE

Consists of the following Members:

CHAIRMAN—GEORGE HOWORTH.

MESSRS. JAMES CUDWORTH.

JONATHAN R LAW.

ALGERNON A. MERCER.

JAMES ROBERTS.

WILLIAM SWIRE.

WILFRED VARLEY.

WHITWORTH URBAN DISTRICT.

Medical Officer's Annual Report
for the year 1914.

To the Chairman and Councillors of the Whitworth Urban District.

GENTLEMEN;

I have the honour to submit to your consideration the Annual Health Report of the Whitworth Urban District, for the year 1914.

AREA AND ESTIMATED POPULATION.

The area of the district in acres has been previously estimated at 6,300 acres.

The County Official Census return of the Ordnance Survey gives the area in acres as 4,865.

CENSUS, 1911.

The population in 1901 was estimated at 9,578, and in 1911 at 8,872.

In 1901 the estimated population in Wards was as under:

Facit.....	2705
Healey	1690
Shawforth ...	1751
Whitworth ...	3432
	9578

In 1911,

Wards.	Males.	Females.	Totals.
Facit	1149	1285	2434
Healey	837	931	1768
Shawforth	638	730	1368
Whitworth	1551	1751	3302
	4175	4697	8872

HOUSING CENSUS.

In 1911.

Wards.	Inhabited.	Uninhabited.
Facit	613	84
Healey	451	21
Shawforth	358	95
Whitworth	853	82
	2275	282

The estimated population for the year 1914 is 9,000.

BIRTHS.

The Births registered during the year 1914 was 167 ; Males 84, Females 83, an increase of 2 on the previous year ; giving a birth rate of 18·5 per 1000.

The natural increase of births over deaths is 35, and for the year 1913, 21.

The following table gives the births in the Wards as under :—

	Healey		Whitworth		Facit		Shawforth		
Males...	21	40	M 28	57	M 22	44	M 13	26	167
Females	19		F 29		F 22		F 13		

And the undermentioned table gives the number of births in the Wards for the years :—

Year	Healey	Whitworth	Facit	Shawforth	Total
1909	35	67	45	42	189
1910	35	65	65	29	194
1911	41	59	48	23	171
1912	40	55	47	37	179
1913	32	60	44	29	165
1914	40	57	44	26	167

DEATHS.

The deaths registered in the district during 1914 number 121; a decrease of 9 on the previous year, giving a death rate of 13·4 per 1000.

Transferable deaths, that is, deaths of residents outside the district number 11, a decrease of 7 on the previous year, making a total of 132 deaths; giving a total death rate of 14·5 per 1000.

The total death rate for 1913 being 16·4 per 1000.

The sex distribution of the 132 deaths is

Males.....	60
Females...	72
	132

The following statement shows the areas of "provisional assignment" of the transferable deaths:—

Rochdale Union.....	5
Rochdale Infirmary	1
Oldham Infirmary.....	1
Monsall Hospital	1
Whittingham.....	1
Bacup.....	1
Rochdale	1
	11

The death rates for the undermentioned years being as under:—

1909	17·5
1910	11·9
1911	16·9
1912	19·4
1913	16·4
1914	~~16·4~~ 14·5

The following table gives the deaths in the respective Wards for the undermentioned years:—

Year	Healey	Whitworth	Facit	Shawforth	Total
1909	27	75	33	40	175
1910	16	42	35	26	119
1911	14	63	35	38	150
1912	28	68	41	32	169
1913	22	49	40	37	148
1914	27	44	35	26	132

MORTALITY FROM ALL CAUSES AT THE SUBJOINED AGES.

Deaths under 1 month		9	22
,, over 1 month and under 1 year		13	
,, at 1 and under 2 years		2	110
,, 2 ,, 5 ,,		5	
,, 5 ,, 15 ,,		0	
,, 15 ,, 25 ,,		5	
,, 25 ,, 45 ,,		23	
,, 45 ,, 65 ,,		40	
,, 65 and upwards		35	
Total			132

INFANTILE MORTALITY.

The number of infant deaths registered for the year 1914 is 22; an increase of 3 on the previous year.

The increase is due to an excess in the average number of deaths in May and July from immaturity and congenital defects.

It is generally admitted that one of the chief causes of infantile mortality is prematurity and congenital defects. The other generally assigned causes—diarrhœal and respiratory diseases—being regarded as subject to more natural variations.

It has been shown that while the infantile mortality has been reduced in children over one month, the mortality under one month has varied but slightly.

Housing Conditions and Infant Mortality

The following figures taken from the report of the Superintendent of Midwives at Newcastle-on-Tyne may be of interest.

Of 697 births last year :—

241 occurred in single room holdings, of these
40 died=rate of 166 per 1000 births.

348 in two room holdings, of these
28 died=rate of 80 per 1000 births.

91 in three room holdings, of these
3 died=rate of 33 per 1000 births.

As previously stated the number of infant deaths under one year is 22; giving a rate of mortality for the year of 131·1 per 1000 births.

The details of the causes of the excess of mortality in the months of May and July, were given in the monthly reports respectively.

Causes of infantile mortality :–

Tubercular Meningitis	2
Premature Birth	5
Pneumonia	2
Atrophy, Debility, Marasmus	3
Convulsions	3
Whooping Cough	3
Congenital Heart Disease	3
Other causes	1
Total	22

The rate of mortality is 131·7 per 1000 births.

The following table gives the mortalities for the undermentioned years :—

1909	132·2
1910	82·4
1911	152·0
1912	150·8
1913	115·1
1914	131·1

The following table gives the number of deaths under one year for the preceding five years :—

1909	25
1910	16
1911	26
1912	27
1913	19
1914	22

ZYMOTIC MORTALITY.

Our zymotic mortality is again low, but we are not quite so fortunate as we were last year.

Our mortality last year was nil; not a death being registered from infectious disease.

This year the zymotic mortality is ·66 per 1000.

The following table gives the zymotic death rates for the undermentioned years :—

1909	1·9
1910	0.4
1911	1·3
1912	1·1
1913	0·0
1914	0·66

MEASLES.

Is not notifiable, and no death has been registered.

SCARLATINA.

29 cases of Scarlatina have been notified during the year; no deaths registered.

13 cases occurred in back to back houses.

16 in through houses.

The following table shows the incidence of occurrence in the several Wards :—

Month	Healey	Whitworth	Facit	Shawforth
January	2	0	0	0
February	0	0	0	0
March	0	2	0	0
April	1	0	0	0
May	0	1	0	3
June	2	0	0	4
July	2	0	0	0
August	0	0	0	0
September	0	2	0	1
October	1	2	0	0
November	2	0	1	0
December	0	2	1	0
Total	10	9	2	8

29

DIPHTHERIA.

10 cases of Diphtheria have been notified; a decrease of 5 on the previous year.

One death registered in Whitworth Ward.

Out of the 10 cases 7 occurred in back to back houses, and 3 in through houses.

Anti-Diphtheritic Serum is supplied by the Council.

The following table shows the incidence of occurrence in the several Wards:—

Month	Healey	Whitworth	Facit	Shawforth
January	0	1	1	0
February	0	0	0	0
March	0	2	0	0
April	0	2	0	0
May	0	0	0	0
June	0	0	0	0
July	0	0	0	0
August	0	0	1	1
September	1	0	0	0
October	0	0	0	1
November	0	0	0	0
December	0	0	0	0
Total	1	5	2	2
		10		

WHOOPING COUGH.

Is not notifiable.

3 deaths have been registered, aged respectively, 1 month, 9 months, and 1 month.

2 in Facit Ward, and
1 in Shawforth Ward.

Whooping cough is one of the most fatal of infantile diseases especially when it attacks babies at one year and under.

Unfortunately parents have not yet come to realize the great danger which attends an epidemic of Whooping cough.

PUERPERAL FEVER.

One fatal case of Puerperal Fever has been notified this year. The last case notified—also fatal—occurred in 1910.

Notice was given to the County Authorities, the Lady Inspector of Midwives came and made inquiries into the case, and the midwife was temporarily suspended from her duties.

ENTERIC FEVER.

3 cases of Enteric Fever have been notified during the year ; no deaths registered.

1 in Shawforth in July
1 in Whitworth in September
1 in Healey in December

The Shawforth ease had been living in Rochdale.

The Whitworth case had been living at a farm while alterations were being carried out in the drainage.

The Healey case was untraceable.

No death has been registered.

ERYSIPELAS.

12 cases of Erysipelas have been notified and 1 death registered.

The following table shows the incidence of occurrence in the several Wards :—

Month	Healey	Whitworth	Facit	Shawforth
February	0	0	1	0
April	1	1	1	0
May	0	0	2	0
June	1	0	1	0
October	1	0	1	0
November	1	1	0	0
Total	4	2	6	0

PHTHISIS.

Public Health (Tuberculosis) Regulations, 1912.

The above order supersedes the previous Orders of 1908 and 1911, and includes non-pulmonary as well as pulmonary tuberculosis.

The scheme for the treatment of Tuberculosis comprises the Institutional or Sanitorium, the Dispensary, and the Domiciliary or home treatment.

Experience of the last 12 months has convinced me that the question of Domiciliary treatment requires careful reconsideration.

"It is more important to provide beds for the isolation of persons with advanced disease, than to build and maintain sanatoria for the treatment of the earlier cases.

For advanced, infective cases, it is certainly contra-indicated, both in the interests of the patient and his relatives."

NOTIFICATIONS.

42 cases of Tuberculosis have been notified; 26 Pulmonary and 16 non-Pulmonary.

11 deaths have been registered as under:—

Healey	Whitworth	Facit	Shawforth	Total
2	2	5	2	11

giving a death rate of 1·22 per 1000.

Of the 42 notifications received,

15 occurred in through houses,
25 ,, back-to-back houses,
2 had no back door.

At a recent meeting of the "District Insurance Committee" the number of Notifications of Tuberculosis from Whitworth was commented upon.

In reply I beg to submit to your consideration, the opinion of the Chief Medical Officer of the Local Government Board on this aspect of the Tuberculosis question at the present time.

Dealing with the statistics of Tuberculosis, Dr. Newsholme, Chief Medical Officer of the Local Government Board, in his Annual Report for 1912 13, discusses the possibility of estimating the prevalence of Tuberculosis in terms of cases, as well as of deaths.

The proportion between notifications of, and deaths from, Tuberculosis, varies however, so greatly in different parts of the country, and even in the same administrative area, that for the present the death rates are the most—and indeed the only satisfactory index of the amount of Tuberculosis in the community.

A distinction needs to be drawn between comparison of the Tuberculosis statistics of one locality, with those of another, and comparison of the statistics of a given locality for a series of years; the latter may be fairly trustworthy, the former of more limited value.

Again, in his Annual Report for 1913-14, Dr. Newsholme says :—

"The Medical Officer of a district in which the notifications of Phthisis do not number more than twice the deaths, may advisedly consider whether there is not failure to notify."

"It is evident that notification statistics cannot be used as a trustworthy index of the relative prevalence of Tuberculosis in different areas."

The death rates from Phthisis for the year 1912 in the undermentioned districts were :—

Whitworth	1·23
Littleborough	1·51
Milnrow	1·27
Norden	1·05

The following table gives the number of deaths in the Wards for the undermentioned years :—

Year	Healey	Whitworth	Facit	Shawforth	Total
1909	2	9	5	1	— 17
1910	1	4	2	2	— 9
1911	2	6	2	1	— 11
1912	0	4	4	3	— 11
1913	2	3	3	3	— 11
1914	2	2	5	2	— 11

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

Cases notified during the Year 1914.

Pulmonary.

	At all Ages	Under 1	1-5	5-15	15-25	25-45	45-65	65& upwards	Total	H	W	F	S	Total
Jan.	1	...	...	...	...	1	...	...	1	...	...	1	...	1
Feb.	4	...	...	...	...	3	1	...	4	...	...	2	2	4
Mar.	1	...	...	...	...	1	...	...	1	...	1	...	...	1
April	4	...	...	...	1	3	...	...	4	1	...	2	1	4
May	3	...	...	2	...	...	1	...	3	...	1	1	1	3
June	2	...	...	1	...	1	...	...	2	1	...	...	1	2
July	2	...	...	...	2	...	...	...	2	...	1	1	...	2
Aug.	2	...	...	...	...	2	...	...	2	1	...	1	...	2
Sept.	3	...	...	...	1	2	...	...	3	2	...	1	...	3
Oct.	4	...	...	...	1	3	...	...	4	...	1	2	1	4
Nov.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dec.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	26	...	...	3	5	16	2	...	26	5	4	11	6	26

Non-Pulmonary.

	At all Ages	Under 1	1-5	5-15	15-25	25-45	45-65	65& upwards	Total	H	W	F	S	Total
Jan.	3	...	...	...	3	...	...	...	3	...	2	1	...	3
Feb.	1	...	...	...	1	...	...	...	1	...	...	1	...	1
Mar.	2	1	...	...	1	...	...	...	2	...	1	1	...	2
April	1	...	...	...	...	1	...	...	1	...	1	...	...	1
May	3	...	...	2	...	1	...	...	3	...	1	2	...	3
June	3	...	1	...	1	...	1	...	3	1	...	1	1	3
July	1	...	...	1	...	...	...	...	1	...	...	1	...	1
Aug.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sept.	2	...	...	2	...	...	...	...	2	...	...	1	1	2
Oct.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nov.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dec.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	16	1	1	5	6	2	1	...	16	1	5	8	2	16

MORTALITIES FROM CHIEF INDUSTRIES.

Year	Weavers 1	Cotton Operatives 2	Quarrymen 3	Others 4	Total
1909	2	5	3	7	17
1910	2	1	3	3	9
1911	1	6	0	4	11
1912	3	1	2	5	11
1913	1	4	2	4	11
1914	1	4	4	2	11

BRONCHITIS, PNEUMONIA, &c.

17 deaths have been registered from diseases of the respiratory organs; a decrease of 11 on the previous year.

The following table gives the deaths in the Wards for the undermentioned years:—

Year.	Healey	Whitworth	Facit	Shawforth	Total
1909	4	14	2	9	29
1910	2	4	3	3	12
1911	2	4	2	5	13
1912	4	9	10	5	28
1913	6	6	8	8	28
1914	5	5	6	1	17

HEART DISEASE.

12 deaths have been registered; an increase of 3 on the previous year, in the respective Wards.

Year	Healey	Whitworth	Facit	Shawforth	Total
1909	7	7	6	1	21
1910	1	6	3	1	11
1911	0	8	5	5	18
1912	5	8	2	3	18
1913	0	3	4	2	9
1914	2	5	2	3	12

CANCER, MALIGNANT DISEASE.

There is a decrease of 3 deaths from this disease.

9 deaths have been registered in the undermentioned Wards:—

Year	Healey	Whitworth	Facit	Shawforth	Total
1909	3	2	3	2	10
1910	2	5	1	1	9
1911	1	8	2	3	14
1912	3	3	5	2	13
1913	2	3	3	3	11
1914	2	2	2	3	9

NOTIFICATIONS.

The total number of notifications received during the year 1914 is 99; an increase of 31.

42 cases of Tuberculosis are included under the "Tuberculosis Regulations Order, 1912."

I have again personally visited all the cases (with one or two exceptions) of Diphtheria, Scarlatina, Enteric Fever and Phthisis.

	1909	1910	1911	1912	1913	1914
Diphtheria	11	12	17	10	15	10
Erysipelas	20	16	11	15	8	12
Scarlatina	13	109	28	14	5	29
Enteric Fever	4	3	5	3	1	3
Puerperal Fever	1	1	0	0	0	1
Phthisis	0	0	4	39	39	42
Ophthalmic Neonatorum	0	0	0	0	0	2
	49	141	65	81	68	99

SEWERAGE.

The method of disposal is by precipitation, filtration, and land irrigation.

The Reports of the County Officials on the Effluent have been very satisfactory.

EXCREMENT DISPOSAL.

The method of disposal is carried out on the pail system by the Council's men. New property is put under the fresh water carriage system, and where alterations are required in old property this system is also adopted.

Pail Closets	1471
Fresh Water Closets	250
Waste Water Closets	197

WATER SUPPLY.

Chiefly from Rochdale Corporation, and is of excellent quality.

In accordance with letter received from the Local Government Board, dated 21st October, 1914, information was forwarded to the military authorities regarding the sanitary condition of the proposed Hospital at Mount Pleasant, for Convalescent Soldiers.

The report was satisfactory with the exception of the water supply.

The tap supply from the lead cistern was loaded with lead. It was thought advisable for future safety to cut this supply off entirely and rely on the service which came direct from the spring, for domestic use.

SLAUGHTER HOUSES

Are regularly inspected, and are plentifully supplied with the Corporation water.

BAKE HOUSES.

We have no underground bake houses, and the provisions of the "Factory and Workshop Acts" have been carried out.

COWSHEDS AND DAIRIES.

The Regulations under the Order of the Local Government Board have been complied with.

The number of cowkeepers on the register is 19.

The number of dairymen and purveyors of milk is 42.

The Sanitary Inspector's monthly reports to the Council on the condition of the cow sheds, &c., have again been satisfactory.

FACTORY AND WORKSHOPS ACT.

The Regulations under Section 132 of this Act have been complied with and the Tables forwarded to the Secretary of State.

The number of Workshops on the Register is 58.

15 inspections of Factories and 76 inspections of Workshops have been made.

Defects found :—

Want of Cleanliness.....	1
Other Nuisances	0

The defect was remedied.

MIDWIVES ACT.

The County Council is the Supervising Authority It has not been found necessary to forward any report.

NOTIFICATION OF BIRTHS ACT, 1907.

In compliance with a request by the Local Government Board in a circular letter dated 25th May, 1914, it was unanimously resolved to adopt the above Act by your Council.

For the further carrying out of the objects of the Act, it was also resolved to appoint a part time Health Visitor.

OBJECT OF THE ACT.

Is to provide a speedy means whereby information of the birth of a child may be given to the Medical Officer of Health, so that if necessary, advice and instruction may be given to the mothers, and those in charge of the infants.

Notification is to be made to the Medical Officer of Health of the district, within 36 hours of the birth of a child—alive or dead.

The persons bound to notify are (*a*) the father of the child if residing in the house at the time of birth, and (*b*) any person in attendance on the mother at the time of, or within six hours of the birth.

DUTIES OF THE HEALTH VISITOR.

To give instructions as to the proper feeding of the infant, encouraging natural feeding or its proper substitutes.

To report on the sanitary conditions of the houses, and the storage of food.

To give instructions in the simpler rules of hygiene.

MATERNITY AND CHILD WELFARE.

In a subsequent circular letter dated 30th July, 1914, the Local Government Board stated that an estimate for a grant in aid of the expenditure incurred by Local Authorities, in respect of maternity and child welfare, had been laid before Parliament.

This scheme would comprise shortly :—

Provision for salaries of Health Visitors or other officers and provision for mothers, before, during or after the birth of the infant.

Since her appointment the Health Visitor has made over 100 visits.

Of the houses visited 3 only have been reported as being dirty.

Leaflets, on the care of infants are supplied by the Health Visitor.

HOSPITAL.

We have accommodation for 12 patients, and is under capable caretakers.

FOOD.

No action required to be taken under this head during the year.

DISEASED MEAT.

355 lbs. of meat has been surrendered and destroyed.

SCHOOLS.

During the year Shawforth and Facit Wesleyan Schools have been closed, and the new Council School opened at Leavengreave.

Plans have been approved for a new C.E. School at Shawforth.

HOUSING.

Under the Housing and Town Planning Act, 1909, Authorities have not much difficulty when a house is in a bad state of repair, in getting a closing order. The difficulty arises when the question of finding other accommodation for the deposed tenants comes to be considered. Many of the houses are in insanitary conditions due to the careless habits of the tenants, irrespective of the structural defects. Many of the tenants have been so accustomed to pay low rents that it is difficult to impress upon them the real value, from an economic point of view, of increased convenience in good housing. After some experience I have little hesitation in stating that a shilling or eighteenpence extra per week on rent will keep both the wolf and the doctor from the door.

Under Article V. of the Housing Act the Medical Officer of Health shall include in his Annual Report particulars as to

(1) number of houses inspected ;

(2) number of houses considered to be dangerous or injurious to health ;

(3) number of closing orders considered ;

(4) number of closing orders made ;

(5) defects remedied without making closing orders.

Under the Regulations the Sanitary Inspector has been appointed to undertake the special inspection of the houses, and to keep the records stipulated by Article 2.

The necessary books, forms, &c., for keeping the required records have also been obtained.

157 dwelling-houses have been inspected under Section 17 of the Act of 1909.

11 dwelling-houses have been considered unfit for human habitation.

11 representations have been made to the Authority with a view to making closing orders.

11 closing orders have been issued.

No dwelling-houses were remedied without making closing orders.

During the year 10 new houses have been built.

References to the monthly reports of the Sanitary Inspector indicate much valuable and practical work undertaken during the year.

SPECIAL REPORTS.

It has not been necessary to forward any "Special Reports" to the Local Government Board or County Council during the year.

I desire again to thank the members of the Council and officers for their courtesy and assistance.

I am, Gentlemen,

Your obedient servant,

ALEXANDER WELSH, M.D.,

Medical Officer of Health.

Vital Statistics,

For the Year 1914.

TABLE I.

Vital Statistics of Whole District During 1914 and Previous Years.

Year.	Population estimated to Middle of each Year.	Births.			Total deaths registered in the district.		Transferable Deaths.		Nett Deaths Belonging to the District			
		Uncorrected Number	Nett.				Of Non-Residents Registered in the District.	Of Residents Not Registered in the District.	Under 1 Year of age		At all Ages	
			Number	Rate	Number	Rate			Number	Rate per 1000 Nett Births.	Number	Rate
1909	10000		189	18·9	173	17·3		2	25	132·2	175	17·5
1910	10000		194	19·4	118	11·8		1	16	82·4	119	11·9
1911	8872		171	19·3	136	15·3		14	26	152·0	150	16·9
1912	8872		179	20·2	155	17·5		14	27	150·8	169	19·0
1913	9000		165	18·3	130	14·4		18	19	115·1	148	16·4
1914	9000		167	18·5	121	13·4		11	22	131·7	132	14·5

TABLE II.

Cases of Infectious Disease notified during Year 1913.

Notifiable Disease.	Number of cases notified.								Total cases notified in each locality.				Total cases removed to hospital
	At all Ages	At Ages—Years.											
		Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upwards	Healey	Whitworth	Facit	Shawforth	
Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria, including Membranous Croup	10	...	...	...	...	...	...	...	1	5	2	2	...
Erysipelas	12	...	...	...	...	...	...	...	4	2	6	...	...
Scarlet Fever	29	...	...	...	...	...	...	...	10	9	2	8	...
Typhus Fever	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	3	...	...	...	...	...	...	...	1	1	...	1	...
Relapsing Fever	...	...	...	...	...	...	...	...	...	...	...	...	...
Continued Fever	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever	1	...	...	...	...	...	...	...	...	...	...	1	...
Cerebro-spinal Meningitis	...	...	...	...	...	...	...	...	...	...	...	...	...
Poliomyelitis	...	...	...	...	...	...	...	...	...	...	...	...	...
Ophthalmia Neononatorum	2	...	...	...	...	...	...	...	...	1	...	1	...
Pulmonary Tuberculosis	26	...	...	3	5	16	2	...	5	4	11	6	...
Non-Pulmonary	16	1	1	5	6	2	1	...	1	5	8	2	...
Totals	99	1	1	8	11	18	3	...	22	27	29	21	...

TABLE III.—CAUSES OF, AND AGES AT, DEATH DURING YEAR 1914.

Causes of Death.	Deaths at the subjoined ages of "Residents" whether occurring within or without the District.									Total Deaths whether of Residents or Non-Residents in Public Institutions in the District
	All Ages	Under 1 year	1 and under 2	2 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upwards	
All Causes, Certified ...	131	21	2	5	...	5	22	41	35	...
All Causes, Uncertified	1	1	...	...	...	...	...	...	...	...
Enteric Fever	...	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	...	...	...	...	...	...	...	...	...	...
Whooping-cough	3	3	...	..	...	...	...	...	...	...
Diphtheria and Croup ...	1	...	...	1	...	...	...	...	...	...
Influenza	1	...	...	...	...	...	...	...	1	...
Erysipelas	1	...	...	...	...	...	...	...	1	...
Phthisis (Pulmonary Tuberculosis) ...	11	...	...	...	...	2	7	2	...	...
Tubercular Meningitis ...	3	1	...	2	...	...	...	...	...	...
Other tuberculous diseases	...	...	...	...	...	...	...	...	...	...
Cancer, Malignant Disease	9	...	...	...	...	...	1	4	4	...
Rheumatic Fever... ...	1	...	...	...	...	...	1	...	...	...
Meningitis...	2	1	...	...	...	...	...	1	...	...
Organic Heart Disease ...	12	...	...	...	...	1	3	3	5	...
Bronchitis	9	1	1	...	...	...	...	5	2	...
Pneumonia, all forms ...	8	1	1	...	...	...	...	4	2	...
Other Diseases of Respiratory Organs ...	...	...	...	...	...	...	...	...	...	...
Diarrhœa and Enteritis ...	...	...	...	...	...	...	...	...	...	...
Appendicitis & Typhlitis	...	...	...	...	...	...	...	...	...	...
Cirrhosis of Liver... ...	...	...	...	...	...	...	...	...	...	...
Alcoholism...	...	...	...	...	...	...	...	...	...	...
Nephritis and Bright's Disease	9	...	...	...	...	1	3	3	2	...
Puerperal Fever	1	...	...	...	...	...	1	...	...	...
Other accidents & diseases of Pregnancy & Parturition	1	...	...	...	...	...	1	...	...	...
Congenital Debility and Malformation, including Premature Birth	10	10	...	...	...	...	...	...	...	...
Violent Deaths, excluding Suicide	4	...	...	...	...	...	2	2	...	...
Suicide	1	...	...	...	...	...	1	...	...	...
Other defined diseases ...	40	2	...	1	...	1	2	16	18	...
Diseases ill-defined or unknown	...	...	...	...	...	...	...	...	...	...
Convulsions	4	3	...	1	...	...	...	...	...	...
Inquest	1	...	...	...	...	...	...	1	...	...
All causes	132	22	2	5	...	5	22	41	35	...

TABLE IV.—INFANTILE MORTALITY.

1914. NETT DEATHS FROM STATED CAUSES AT VARIOUS AGES UNDER 1 YEAR OF AGE.

CAUSES OF DEATH.	Under 1 Week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 1 Month	1-3 Months	3-6 Months	6-9 Months	9-12 Months	Total Deaths under One Year.
All Causes. Certified	6	1	1	...	8	2	1	9	1	21
All Causes. Uncertified	1	...	...	...	1	...	...	...	...	1
Small-pox	...	...	...	...	...	...	...	...	...	...
Chicken-pox	...	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	...	...	...	...	...	...	...	...	...	...
Whooping Cough	...	...	...	...	...	2	...	...	1	3
Diphtheria and Croup ...	...	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis...	...	...	...	...	...	...	...	1	...	1
Abdominal Tuberculosis...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Disease	...	...	...	...	...	...	...	...	...	...
Meningitis *not Tuberculous*	..	...	...	...	...	...	...	1	...	1
Convulsions	...	...	...	...	...	...	...	3	...	3
Laryngitis	...	...	...	...	...	...	...	...	...	..
Bronchitis	...	...	...	...	...	...	...	...	...	...
Pneumonia (all forms) ...	...	...	...	...	...	...	...	2	...	2
Diarrhœa	...	...	...	...	...	...	...	...	...	...
Enteritis	...	...	...	...	...	...	...	...	...	...
Gastritis	...	...	...	...	...	...	...	...	...	...
Syphilis	...	...	...	...	...	...	...	...	...	...
Rickets	...	..	...	...	...	...	...	...	...	...
Suffocation, overlying ...	...	...	...	...	...	...	...	...	...	...
Injury at Birth	...	...	...	...	...	...	...	...	...	...
Atelectasis	...	...	...	...	...	...	...	...	...	...
Congenital Malformations	2	...	1	...	3	...	...	...	...	3
Premature Birth	4	1	...	...	5	...	...	...	...	5
Atrophy, Debility Marasmus	...	...	...	...	...	...	1	1	...	2
Other Causes	1	...	...	...	1	...	...	1	...	2
Total.....	7	1	1	...	9	2	1	9	1	22

Births in the year { legitimate, 161. illegitimate, 6.

Deaths in the year { legitimate infants, 19 illegitimate infants, 3

SANITARY INSPECTOR'S REPORT

Year ending December 31st, 1914.

To the Chairman and Members of the Whitworth Urban District Council.

GENTLEMEN :

I beg to submit to you my Twelfth Annual Report for the twelve months ended 31st December, 1914.

The following schedule gives in brief the details of the cases attended to by me during the year :—

New Pig-styes erected	1
New Closets erected (pail system)	1
New Closets erected (waste water system)	6
New Closets erected (fresh water)	6
Pail Closets abolished	1
Defective fresh water closets remedied	1
Defective bedroom floors taken up and re-laid	1
Dirty areas cleaned out	1
Defective waste water closets remedied	2
Closets cleaned and limewashed	14
Closets repaired (defective roofs, &c.)	2
Closets repaired (new seats, &c)	4
Closets and ash-places requiring proper fastenings	12
Closets and ash-places requiring proper doors, &c.	22
Overcrowding	1
Slop-stone pipes trapped	4
Defective slop-stone pipes remedied	17
Defective slop-stone pipes (new ones fixed)	3
Defective passages re-flagged	2
Defective drains re-laid	4
Defective eaves and downspouts	11
Defective gulley blocks re-placed	3
Defective traps re-placed	21

Workshops limewashed	1
Offensive accumulations removed	2
Defective channels in cow-sheds remedied	2
Cow-sheds lighted and ventilated	3
New manure middens constructed	1
New liquid-manure tanks constructed	1
Defective house roofs remedied	2
Defective covering to culvert remedied	1
New urinals erected	3
Smoke observations	2
Drains tested by smoke	1
Dirty passages cleansed	2
Ash-pits repaired (defective roofs, doors, &c.)	6
Drains opened and cleansed	26
New tile drains laid	4
Stone drains abolished	18
Slop-slone pipes disconnected from drains	28
Gulley traps cleansed	8
Dirty premises cleaned, &c.	4
Houses disinfected	57
Miscellaneous	4
Beds burned by request	5
Preliminary notices sent for abatement of nuisances	49
Owners and occupiers seen personally re nuisances	30
Complaints received	1
Drains inside cowsheds removed and fixed outside	3
Cow-shed drains properly trapped	2
Defective cow-shed drains remedied	2
Defective cow-shed floors remedied	5
Defective farm-yards repaved	1

The one tripe boiling establishment in the district has been regularly visited and always found in a clean condition.

There are no offensive trades carried on in the district.

Refuse, ashes and excreta is removed in a satisfactory manner.

99 visits were made to infected houses, enquiries made as to the cause or origin of the disease, instructions given as to isolation of the infected persons.

The following cases of Scarlatina have occurred in children attending the undermentioned schools :—

	1906	1907	1908	1909	1910	1911	1912	1913	1914
Shawforth Wesleyan	8	1	1	0	19	1	0	0	0
Facit St. John's	3	1	6	2	22	0	0	0	1
Lloyd Street	2	3	4	3	18	4	2	1	7
Hallfold	5	0	1	2	1	10	4	0	2
Healey	0	0	4	0	0	1	1	1	3
Facit Wesleyan	0	4	1	2	7	1	1	0	0
Shawforth St Michael's	1	1	0	0	3	1	0	0	7
St. Anselm's	0	0	2	1	5	1	1	0	0
Leavengreave Council	0	0	0	0	0	0	0	0	2
Under and over school age	12	9	8	3	34	9	4	3	5
Schools out of district	0	1	0	0	0	0	1	0	2
	31	20	27	13	109	28	14	5	29

Shawforth and Facit Wesleyan Schools are now closed.

The following are a list of Workshops within the district coming under the Act :—

Dressmakers	10
Milliners	3
Dressmakers and Milliners	1
Stocking Knitting	1
Boot, Shoe and Clog Makers	3
Boot and Shoe Makers	2
Clog Makers	7
Bakers and Confectioners	18
Oat Cake Bakers	1
Saddle and Harness Makers	1
Tailors	1
Other Trades	10
	58

FACTORY AND WORKSHOP ACT, 1901.

The Workshops within the district have been visited and inspected under the above Act, and on the whole have been found to be kept in a clean condition.

The fire escapes, &c., at the various factories are periodically inspected.

91 visits have been paid under the above Act.

Dairies, Cowsheds and Milkshops Order, 1885.

61 persons are registered as cowkeepers, dairymen and purveyors of milk.

149 inspections have been made.

COMMON LODGING HOUSES.

There are none in the district.

SLAUGHTER HOUSES.

There are the same number of slaughter houses as last year, viz., nine. Two are still vacant.

Visits have been paid at intervals and during my inspections I found them all in accordance with the Council's By-laws.

The Council remove the refuse from the slaughter houses, the occupiers having entered into agreements for the payment to the Council for this service.

The means of slaughter of animals adopted in the district are in accordance with the By-laws.

SMALL-POX HOSPITAL.

This Hospital is in a thoroughly good condition.

HOUSING AND TOWN PLANNING ACT, 1909.

Under Section 17 of the above Act, 157 houses have this year been inspected, and tabulated particulars obtained and filed. The following notices have been issued :—

Notice by person authorised by local authority before entry	156
Notice of intention to make a closing order	11
Notice of making closing order	11
Closing orders	11
Notice of closing orders which have become operative	2
Dwelling-houses in which defects were remedied without making closing orders	0
Dwelling-houses put in a fit state of habitation after making closing orders	0
Dwelling-houses demolished	0

I am, Gentlemen,

Your obedient servant,

JNO. J. CORDINGLEY, A.R.S.I., R.P.C.

Sanitary Inspector.